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Examiner: William E. Tapolcai
Group Art Unit: 3744

Amendments to the Claims

Please amend the claims as shown below in the complete listing of claims.

Claims 1-5 (Cancelled)

6. (Original) Apparatus for cooling portable devices, the apparatus comprising: a docking platform; docking means for securing the portable device to the docking platform, a refrigeration tower; means for securing the refrigeration tower to the docking platform in a position adjacent the portable device when it is docked to the docking platform; and the refrigeration tower being constructed and arranged to discharge cooled air into the portable device when the portable device is adjacent the refrigeration tower.

7. (Original) The apparatus of claim 6 including a second portable device; means for docking the second portable device to the docking platform adjacent the first portable device; the first and second portable devices being constructed and arranged to pass air from the first portable device to the second portable device and recirculate the air back to the refrigeration tower.

Claims 8-9 (Cancelled)

10. (Original) Apparatus for cooling materials in a remote location comprising; a primary heat exchanger having a liquid coolant on one side and a primary refrigerant on the other side; a docking station remotely positioned from the primary heat exchanger, the docking station being constructed and arranged to receive a container for objects to be cooled; a secondary refrigeration system having a liquid coolant supply conduit and a liquid coolant return conduit communicating the docking station with the primary heat exchanger; and a second heat exchanger which receives liquid coolant from the supply conduit and conducts it to the return conduit to cool the container.

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11. (Original) The apparatus of claim 10 wherein the second heat exchanger is located in the container for the materials to be cooled.
12. (Original) The apparatus of claim 10 including a collapsible container with the second heat exchanger being a flexible tubing secured to the walls of the collapsible container.
13. (Original) Apparatus for transporting cooled materials to remote locations, comprising: an enclosure constructed and arranged to house the materials in an air bath, the enclosure having an air supply port and an air return port; a docking structure adapted to be abutted by the container, the docking structure having a supply port and a air return port adapted to register with the respective supply and return ports of the enclosure; and means in the docking structure for causing cooled air to be delivered to its supply port when the enclosure is docked to the docking structure
14. (Original) The apparatus of claim 13 where the enclosure is disposed within a conditioned compartment of a home refrigerator and provides a means of temperature stabilization in relation to the surrounding compartment ambient temperature excursions.
15. (Original) A refrigeration system for cooling materials in remote spaced apart locations the system comprising; a primary refrigeration circuit having a compressor and evaporator; a portable chest having an air bath to receive material to be cooled; a docking station for the portable chest constructed and arranged to discharge cooled air into the air bath of the portable chest when the chest is coupled to the docking station, and means for cooling the air discharged by the docking station utilizing the cooling produced by the primary refrigeration circuit.
16. (Original) The refrigeration system of claim 15 and having a secondary liquid coolant recirculating circuit cooled by the primary refrigeration circuit and to which the means of claim 14 receives its cooling through the intermediary of the secondary liquid coolant circuit.

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17. (Original) The refrigeration system of claim 15 having a tube within a tube heat exchanger cooled by the primary refrigeration system and cooling the fluid of the secondary refrigeration system and the means receiving it's cooling effect by recirculating air over the tube within a tube heat exchanger.
18. (Original) The refrigeration system of claim 15 including control means which activates the docking station when the portable chest is docked with the docking station and which deactivates the docking station when the portable chest is removed from the docking station.
19. (Original) Apparatus for cooling materials in spaced apart remote locations comprising: a docking structure at the remote locations; a heat exchanger at each docking station; primary refrigeration means having a cooling capacity to serve the heat exchangers; a refrigerant to cooling liquid primary heat exchanger with the refrigerant being supplied by the refrigeration means; and means recirculating liquid coolant from the primary heat exchanger to the heat exchangers at the docking station.
20. (Original) The apparatus of claim 19 wherein the apparatus also includes a refrigerant to air heat exchanger; a major docking station for a storage container; and means circulating air from the last mentioned heat exchanger to the major docking station.
21. (Original) The apparatus of claim 19 including a major docking station for a storage compartment; and means circulating air over the primary heat exchanger and delivering it to the major docking station.
22. (New) An apparatus for cooling portable storage devices, comprising:
a cooling unit for generating chilled air;
a portable storage device defining a storage compartment; and

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a docking unit configured for the fluid coupling of the portable storage device to the cooling unit such that upon coupling the chilled air generated by the cooling unit is directed into the storage compartment .

23. (New) The apparatus according to claim 22, wherein at least a portion of the docking unit is integrally formed with at least one of the cooling unit and the portable storage device.
24. (New) The apparatus according to claim 23, wherein the docking unit comprises complementary air passages in the cooling unit and the portable storage unit and the complementary air passages are fluidly coupled when the portable storage device is coupled to the cooling unit.
25. (New) The apparatus according to claim 24, wherein at least one of the complementary air passages comprises an opening in one of the cooling unit and portable storage device.
26. (New) The apparatus according to claim 22, wherein the docking unit is configured to physically couple the portable storage device to the cooling unit.
27. (New) The apparatus according to claim 26, wherein the docking unit comprises a docking module mounted to the cooling unit.
28. (New) The apparatus according to claim 27, wherein the cooling unit comprises a self-contained refrigeration system.
29. (New) The apparatus according to claim 22, wherein the portable storage device comprises an open-faced housing and a cover for selectively closing the housing.
30. (New) The apparatus according to claim 29, wherein the housing is collapsible.

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31. (New) The apparatus according to claim 29, wherein the housing is rigid.
32. (New) The apparatus according to claim 29, wherein the portable storage device further comprises a handle mounted to the cabinet.
33. (New) The apparatus according to claim 22, wherein the docking unit is configured to recirculate the chilled air generated by the cooling unit through the storage compartment.
34. (New) The apparatus according to claim 33, wherein the docking unit is configured to physically couple the portable storage device to the cooling unit.
35. (New) The apparatus according to claim 34, wherein at least a portion of the docking unit is integrally formed with at least one of the cooling unit and the portable storage device.